

Mind Games

by Arya Akhavan (December 2012)

Angles for R.I. = 1.620

61 + 16 girdles = 77 facets

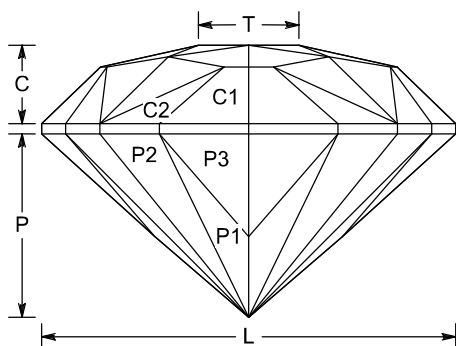
4-fold, mirror-image symmetry

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L/W = 1.000 T/W = 0.242 U/W = 0.242

P/W = 0.442 C/W = 0.190

Vol./W³ = 0.214



PAVILION

P1	42.16°	05-19-29-43-53-67-77-91	Cut to centerpoint.
P2	42.00°	08-16-32-40-56-64-80-88	Meet at culet.
G1	90.00°	04-20-28-44-52-68-76-92	Set stone size.
G2	90.00°	08-16-32-40-56-64-80-88	Set girdle level.
P3	43.16°	04-20-28-44-52-68-76-92	Meet P1, P2, G1, G2 (level girdle)

CROWN

C1	45.00°	04-20-28-44-52-68-76-92	Set girdle width.
C2	39.76°	08-16-32-40-56-64-80-88	Level girdle.
C3	34.95°	10-14-34-38-58-62-82-86	Meet G2, C2
C4	13.00°	04-20-28-44-52-68-76-92	Meet C1, C2, C3
C5	8.40°	12-36-60-84	Meet C3, C4
T	0.00°	Table	Meet C4, C5

It's amazing what kind of interesting faceting designs you can get by taking old designs and stretching or reflecting them. This design is a derivative of my "Blue Happiness" design, randomly stretched and reflected. I prefer this in pink tourmaline, but works in materials from feldspar to rutile (RI = 1.52 - 2.62) with no changes. Suggested size = 6-12 mm

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